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# **Notice of Allowability**

Application No.

09/937,577

Examiner

Qutub Ghulamali

Applicant(s)

LAHTI ET AL.

Art Unit

2611

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/5/2006.
2. ☒ The allowed claim(s) is/are 13-17, 20-27 which are now renumbered as claims 1-5, 6-13 respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## **Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**JEAN B. CORRIELUS**  
**PRIMARY EXAMINER**

5-11-06

### **DETAILED ACTION**

1. This Office Action is responsive to the Remarks filed by the applicant on 05/05/2006.
2. The amendment to the Abstract of the Disclosure, filed 05/05/2006, is hereby acknowledged. The Abstract of the Disclosure is considered acceptable. Additionally, objection of claim 13 is withdrawn in view of the amendment.

### ***Response to Remarks/Amendments***

3. Applicant's remarks/amendments, filed May 05, 2006, have been fully considered, and as a result claims 15 and 17 are now indicated allowable. The applicant has cancelled previously rejected claims 18-19. However, in order to advance prosecution in the case, an examiners amendment is considered necessary to correct for some minor deficiencies in the claims. The examiners amendment follows.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

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Authorization for this examiner's amendment was given in a telephone interview with Mr. Alphonso A. Collins on 05/10/2006.

The application has been amended as follows:

**IN THE CLAIMS:**

5. The claims 14, 20, 24, 25, 26 and 27, filed on 05/05/2006, have been amended as follows:

Claim 14, line 3, after "indication of", the word "an" has been replaced with -- said --.

Claim 14, line 4, "a lock loop", has been replaced with -- said phase locked loop --.

Claim 20, line 6, the second "selected clock signal", has been replaced with -- second indoor unit --.

Claim 20, line 11, "phase lock", has been replaced with -- phase locked loop --.

Claim 24, line 5, after "and" the first "selected" has been deleted.

Claim 24, line 13, after "polarity of", the word "the" has been replaced with -- a --.

Claim 25, line 4, after "and" the first "selected" has been deleted.

Claim 25, line 12, after "polarity of", the word "the" has been replaced with -- a --.

Claims 26 and 27, line 13, after "point in time when", the word "the" has been replaced with -- a --.

Claims 26 and 27, line 13, after "polarity of", the word "the" has been replaced with -- a --.

In the Abstract of the Disclosure submitted 05/05/2006, after "where phase locked", the word -- loop -- has been inserted.

***Reason For Allowance***

6. Applicant's remarks/arguments filed May 05, 2006 (see pages 11-13) with respect to the rejection of claims 15, 17 and 18-19 have been fully considered and as a result the rejection of claims 15 and 17 has been withdrawn.

7. Claims 13-17 and 20-27 allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Contact Information***

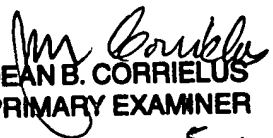
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Qutub Ghulamali whose telephone number is (571) 272-3014. The examiner can normally be reached on Monday-Friday, 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammad Ghayour can be reached on (571) 272-3021. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

QG.  
Examiner, AU-2611  
May 09, 2006.

  
JEAN B. CORRIELUS  
PRIMARY EXAMINER  
5-11-06